

THE UNIVERSITY OF CHICAGO

A pharmaceutical composition includes a pharmaceutically acceptable carrier, comprising a reverse thermally viscifying polymer. The polymer includes a linear block copolymer, wherein at least one block comprises a poloxamer; and at least one block comprises a biocompatible polymer or oligomer, in an aqueous medium. The composition also includes an active agent which imparts a pharmaceutical or cosmetic effect. The composition viscifies in response to an environmental stimulus. The composition is suitable for administration of the pharmaceutical agent across dermal, otic, rectal, vaginal, ophthalmic, esophageal and nasal mucosal membranes.

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